

Patent Claims

1. Process for introducing a medium that can be burned in a combustion engine, especially a cryogenic medium such as hydrogen, into a combustion engine, characterized by the fact that the medium is heated to at least the surrounding temperature prior to being introduced into the combustion engine, preferably to a temperature of at least 500° C and is introduced into the combustion engine at a pressure between 100 and 500 bar.
2. Process as claimed in Claim 1, characterized by the fact that the heated medium is introduced into the combustion engine at a pressure between 200 and 300 bar.
3. Process as claimed in Claim 1 or 2, characterized by the fact that the medium is heated at least partly by heat exchange with the single or one of the multiple exhaust streams present in the combustion engine.